

Opinion Statement

Carbon Neutrality Declaration Verification Opinion Statement

This is to verify that:

TXC CORPORATION
No. 4, Kung Yeh 6th Rd.
Ping Cheng Industrial District
Ping Cheng City
Taoyuan County
Taiwan

台灣晶技股份有限公司
台灣
桃園縣
平鎮市平鎮工業區
工業六路4號

Holds Statement No:

CNCV 023

Verification opinion statement

As a result of carrying out the verification in accordance with PAS 2060:2010, it is the opinion of BSI that :

- TXC Corporation has been verified for product carbon neutrality for 3,181,450 pieces crystal resonator of AB series for automotive electronics (frequency ranging: from 9.500 to 40.000 MHz, Body size 5.0mm x 3.2mm, weight: 0.000045kg)(AB 石英晶體諧振器車用電子零件(頻率範圍: 9.500~40.000 MHz, 尺寸: 5.0mm x 3.2mm, 重量: 0.000045kg)) in the first application period from January 01, 2013 to July 08, 2013.
- No material misstatements in this product carbon neutrality declaration for achieving to product carbon neutrality were revealed.

BSI herewith confirms that carbon neutrality information in above period as follows:

Product carbon footprint baseline: 274 tonnes CO₂ equivalent

Product carbon footprint reductions: 0 tonnes CO₂ equivalent

Retired offset carbon credits: 274 tonnes CO₂ equivalent

For and on behalf of BSI:

Managing Director BSI Taiwan, Peter Pu

Originally Issue: **21/07/2013**

Latest Issue: **21/07/2013**



Page: 1 of 2

...making excellence a habit.™

The British Standards Institution is independent to the above named client and has no financial interest in the above named client. This Opinion Statement has been prepared for the above named client only for the purposes of verifying its statements relating to its carbon emissions more particularly described in the scope. It was not prepared for any other purpose. The British Standards Institution will not, in providing this Opinion Statement, accept or assume responsibility (legal or otherwise) or accept liability for or in connection with any other purpose for which it may be used or to any person by whom the Opinion Statement may be read. This Opinion Statement is prepared on the basis of review by The British Standards Institution of information presented to it by the above named client. The review does not extend beyond such information and is solely based on it. In performing such review, The British Standards Institution has assumed that all such information is complete and accurate. Any queries that may arise by virtue of this Opinion Statement or matters relating to it should be addressed to the above name client only.

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract.

An electronic certificate can be authenticated [online](#).

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +886(02)2656-0333.

Taiwan Headquarters: 5th Floor, No. 39, Ji-Hu Rd., Nei-Hu Dist., Taipei 114, Taiwan, R.O.C.

BSI Taiwan is a subsidiary of British Standards Institution.

Statement No:

CNCV 023

Location

Verification Information

TXC CORPORATION
No. 4, Kung Yeh 6th Rd.
Ping Cheng Industrial District
Ping Cheng City
Taoyuan County
Taiwan
台灣晶技股份有限公司
台灣
桃園縣
平鎮市平鎮工業區
工業六路4號

TXC Corporation has been verified for product carbon neutrality for 3,181,450 pieces crystal resonator of AB series for automotive electronics (frequency ranging: from 9.500 to 40.000 MHz, Body size 5.0mm x 3.2mm, weight: 0.000045kg)(AB 石英晶體諧振器車用電子零件(頻率範圍: 9.500~40.000 MHz, 尺寸: 5.0mm x 3.2mm, 重量: 0.000045kg)) in the first application period from January 01, 2013 to July 08, 2013.

Additional information

The product carbon neutrality of Aggregate of Basic Oxygen Furnace Slag related information is as follows:
The product carbon neutrality of crystal resonator of AB series for automotive electronics (frequency ranging: from 9.500 to 40.000 MHz, Body size 5.0mm x 3.2mm, weight: 0.000045kg)(AB 石英晶體諧振器車用電子零件(頻率範圍: 9.500~40.000 MHz, 尺寸: 5.0mm x 3.2mm, 重量: 0.000045kg)) related information is as follows:

- Carbon neutrality model according to PAS 2060:2010 as well as reference to EPA Carbon Neutrality implementation and claim guide: Model 3.
- Carbon neutrality application period: The first application period from January 01, 2013 to July 08, 2013.
- Carbon footprint quantification specification: PAS 2050:2011 standard and the independent third-party verified for the PCF full life cycle emissions in the inventory period from January 01, 2012 to December 31, 2012.
- Emission reduction measures: not applicable in this application period.
- Carbon neutrality report: TXC Corporation 2013 Carbon Neutrality Report, version1.2 dated July 08, 2013.

- Retired offset credit information:

Quantity of retired offset credit : 274 VCU(tCO₂e)

Offset credit serial number:

633-29215700-29215973-VCU-008-TZ1-TW-1-342-02032007-27092009-0

Date of retirement: July 04, 2013

Retirement reason details: Retired on behalf of TXC Corporation for Product Carbon Neutrality of its AB series for automotive electronics in production period from January 01, 2012 to December 31, 2012.

Originating carbon offset project: Hsikou Hydro Power Project

Project type: Energy Industries - renewable/non-renewable sources

Project Methodology: AMS- I.D.: Grid connected renewable electricity generation

Project country: Taiwan

The information of the offset project is disclosed in the TXC Corporation Carbon Neutrality Report which is available in its website.

Originally Issue: **21/07/2013**

Latest Issue: **21/07/2013**

Page: 2 of 2

The British Standards Institution is independent to the above named client and has no financial interest in the above named client. This Opinion Statement has been prepared for the above named client only for the purposes of verifying its statements relating to its carbon emissions more particularly described in the scope. It was not prepared for any other purpose. The British Standards institution will not, in providing this Opinion Statement, accept or assume responsibility (legal or otherwise) or accept liability for or in connection with any other purpose for which it may be used or to any person by whom the Opinion Statement may be read. This Opinion Statement is prepared on the basis of review by The British Standards Institution of information presented to it by the above named client. The review does not extend beyond such information and is solely based on it. In performing such review, The British Standards Institution has assumed that all such information is complete and accurate. Any queries that may arise by virtue of this Opinion Statement or matters relating to it should be addressed to the above name client only.

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract.

An electronic certificate can be authenticated [online](#).

Printed copies can be validated at www.bsi-global.com/ClientDirectory or telephone +886(02)2656-0333.

Taiwan Headquarters: 5th Floor, No. 39, Ji-Hu Rd., Nei-Hu Dist., Taipei 114, Taiwan, R.O.C.
BSI Taiwan is a subsidiary of British Standards Institution.